



NO MEM[®] PRO
By **LENMAR[®]**

Model PRO744

Rechargeable Nickel Metal-Hydride Charger and Batteries

Owner's Manual

Thank you for purchasing the NoMEM PRO Battery System. Please read this manual carefully. It contains important operating instructions for your NoMEM PRO Rechargeable Battery System. This PRO744 charger will quickly and efficiently charge all AA or AAA Nickel Cadmium (NiCd) or Nickel Metal-Hydride (NiMH) batteries.

Warning:

- Batteries are not charged as shipped. Must be charged prior to first use.
- Charge **only** NiCd or NiMH type batteries on this charger.
- **Do Not** mix NiCd and NiMH batteries together when charging or using. Keep all NiMH batteries and NiCd batteries separate.
- Use only NoMEM PRO or other proper NiMH compatible charger to recharge NoMEM PRO batteries.
- Batteries may leak or explode causing personal injury if inserted improperly, disposed of in fire, mixed with other battery types, or short circuited.

CHARGING INSTRUCTIONS

AA and AAA Size (Automatic Quick Charge)

1. This charger will charge 2 or 4 batteries at one time. Slide the switch above the battery compartment to the "2" or "4" position according to the number of batteries you wish to charge. When charging 2 batteries only, use the left side of the battery compartment, leaving the 2 spaces on the right side empty. When charging 4 batteries, slide the switch to the "4" position and insert all 4 batteries to be charged (see figure 1).



Figure 1

2. The battery compartment is adjustable to fit either AA or AAA size batteries. If you are charging AAA size batteries, make sure the handle at the top of the battery compartment has been moved all the way down until it has clicked into place. If you are charging AA size, make sure the handle is lifted all the way up into the notch located at the top of the battery compartment. After adjusting the compartment to fit the size batteries you wish to charge, insert either 2 or 4 AA or AAA batteries into the charger. Do not mix AA and AAA batteries when charging.
3. Select the AC adapter or DC/Auto Cord adapter, depending on whether you are using the charger at home or in the car. Be aware that when using the DC/Auto cord, many cars do not supply power to the cigarette lighter while the key is in the off position. Plug the selected power adapter into the power source available, and plug the connector, at the end of the adapter cord, into the power input jack on the top of the charger unit. The red "Charge" indicator LED will glow Red to show charging is taking place.
4. After the proper charge time, the red "Charge" LED will go off and the Green "Ready" LED will come on to indicate that the charge is complete and batteries are ready for use. Once the green "Ready" LED is on, the charger switches to "trickle" mode to keep the batteries at full.
5. Once charge is complete, remove batteries and unplug charger as soon as it is practical. Do not leave batteries in charger for extended periods of time (more than 1-2 days) OR when the charger is not plugged in. Unplug the charger when not in use.
6. Begin again at Step-1 to charge the next set of batteries.

Bad Cell Detection:

When charge process is started, the charger detects the health status of each of the cells in the battery compartment. If any battery is unsuitable for charging, i.e. short circuit or reversed polarity, the red "Charge" LED will flash. The damaged cell(s) should be properly disposed of.

CHARGING TIMES:

Size / Type	Capacity	Charge Time *
AAA / NiCd	220mAh	50 minutes
AAA / NiMH	500mAh	90 minutes
AAA / NiMH	800mAh	150 minutes
AA / NiCd	800mAh	75 minutes
AA / NiMH	1300mAh	120 minutes
AA / NiMH	1800mAh	180 minutes

*Charge time will vary with the capacity, condition, and amount of charge left in the battery to be charged.

SPECIFICATIONS:

Power Supply:	110V AC adapter or 12VDC car cigarette lighter adapter
Charge rate:	AA size – 700mA / AAA size – 350mA , automatically selected
Safety Features:	-deltaV, max. time, overcharge protection, bad cell / reverse polarity / shorted cell detection.

CAUTION:

Do not overcharge the batteries. AC adapter is for indoor use only. This NoMEM PRO charger is intended for use with Nickel Metal-Hydride and Nickel Cadmium batteries only. Attempting to charge any other type of battery may cause personal injury and damage to the charger. Never charge NiMH and NiCd batteries at the same time.

Warranty

NoMEM PRO chargers are warranted to be free of manufacturing defects for 2 years from the original date of purchase. If, during the warranty period, any part fails to function properly under normal use because of manufacturing defects or workmanship, it will be repaired at no charge for parts and labor or, at our option, the product will be replaced. The following is excluded: damages from delay or loss of use of equipment, or damaged batteries, malfunctions resulting from misuse, tampering, unauthorized repairs, modifications, or accident. To obtain warranty service, package the unit and its accessories carefully using ample padding material to prevent damage in transit and ship it prepaid and insured to:

LENMAR ENTERPRISES INC. USA
4035 VIA PESCADOR
CAMARILLO, CA 93012

When sending in product for service, your package should include evidence of date and place of purchase. Enclose \$7.50 for shipping and handling for addresses in the U.S. For outside the U.S. and Canada, freight will vary depending upon ship to address.

The following statement is required in the state of California pursuant to the settlement of an action brought by the Mateel Environmental Justice Foundation against multiple electronics and appliance manufacturers.

WARNING: Handling the cord on this product will expose you to lead, a chemical known to the state of California to cause birth defects or other reproductive harm. Wash hands after handling.

For further information contact

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